

## Fix Up Loan Incentive Rate Energy Conservation and Accessibility Eligible Improvements

A reduced interest rate is available when loan proceeds will be used exclusively for the eligible improvements listed below, and when the borrower meets all other loan eligibility criteria. Bids and estimates for proposed improvements must identify product eligibility as indicated in the documentation column below.

**NOTE:** Homeowners can not complete the labor with this loan option.

## Part I – Energy Conservation Improvements

Eligible Energy Improvement	Required Information in Bids/Estimates
Programmable Thermostat	Bid must reference Programmable Thermostat
Heating System Replacement <sup>1*</sup> (Programmable Thermostat installation required):  • Natural Gas or Propane Furnace:  AFUE >= 95  • Oil Furnace:  AFUE >= 85  • Natural Gas, Propane or Oil Hot Water Boiler:  AFUE >= 90 (ensure distribution system is compatible with a condensing boiler).	<ul> <li>Any one of the following:</li> <li>Bid must reference AFUE rating of the furnace or water boiler to be installed.</li> <li>Copy of the product specifications indicating the AFUE rating.</li> <li>Print out of Excel or PDF list from www.energystar.gov indicating the to-be-installed Make and Model and its AFUE rating.</li> </ul>
<ul> <li>A/C Replacement* (Programmable Thermostat installation required):</li> <li>Package Systems: SEER &gt;= 14, EER &gt;= 12</li> <li>Split Systems: SEER &gt;= 15, EER &gt;= 13</li> <li>Mini-split systems: SEER &gt;= 15, EER &gt;= 13</li> </ul>	Any one of the following:  • Bid must reference SEER or EER rating of the A/C to be installed.  • Copy of the product specifications indicating the SEER or EER rating.  • Print out of Excel or PDF list from www.energystar.gov indicating the to-be-installed Make and Model and its SEER or EER rating.
Water Heater Replacement:  • Gas storage units >= 0.67 Energy Factor (EF)  • Gas tankless units >= 0.82 EF with 2.5 gpm @ 77°F rise  • Electric storage units = 0.95 EF  • Electric heat pump storage unit >= 2.0 EF	<ul> <li>Any one of the following:</li> <li>Bid must reference EF rating of the water heater to be installed.</li> <li>Copy of the product specifications indicating the EF rating.</li> <li>Print out of Excel or PDF list from www.energystar.gov indicating the to-be-installed Make and Model and its EF rating.</li> </ul>

\*If the homeowner is changing fuel source or system type, the material and labor cost to install the complete system (i.e., new duct work, new lines, etc.) is eligible if the applicable energy rating referenced above is met.

Eligible Energy Improvement	Required Information in Bids/Estimates
Must be Energy Star (Energy Star CFL fixtures replace less efficient incandescent fixtures, are hardwired and use pin-based lamps).	Bid must reference Energy Star light fixtures
<ul> <li>Insulation:         <ul> <li>Walls: Wall cavities must be filled with insulation (if the cavity is to be filled with blown-in insulation, the cavity must be dense packed to 3.5 lbs/ft³).</li> <li>Attic: Final R-Value &gt;= R44</li> </ul> </li> <li>Attic Air Sealing is a prerequisite for insulation; pre- &amp; post-blower door testing is recommended to measure effectiveness of air sealing.</li> </ul>	<ul> <li>All of the following:</li> <li>Bid must reference insulation requirements that wall cavities be filled with insulation and/or attic insulation have an R-value of 44 or greater, as applicable.</li> <li>Bid should also reference that attic air sealing be undertaken to the greatest extent feasible.</li> <li>If wall cavities are filled with blown-in insulation, bid must reference the cavity will be dense packed to 3.5 lbs/ft³</li> </ul>
<ul> <li>Windows:</li> <li>Must be Energy Star qualified under federal guidelines (patio doors are eligible)</li> </ul>	Bid must reference Energy Star windows
Solar Panels	<ul> <li>Only eligible under the secured incentive rate energy conservation loan</li> </ul>

## Part II – Basic Accessibility Improvements

Eligible Accessibility Improvement	Required Information in Bids/Estimates
Ramps:	Bid must clearly specify design criteria or product
Construction of entrance ramp	specifications that will validate the accessibility function
House Modifications:	of the improvement.
Widening interior or exterior doors and/or	
hallways	
Moving electrical outlets and switches	
• Installing handrails, grab bars or stairway lifts	
Modifying hardware, doors or bathrooms	
Safety:	
Installing or modifying fire alarms, smoke	
detectors and other alerting systems	
Other Improvements:	
For other Accessibility improvements not listed	
above, the Fix Up Loan Accessibility Evaluation	
Form must be used to document the accessibility	
needs of the Borrowers(s) and must be submitted	
to Minnesota Housing for prior approval.	